Introduction

When setting up your television set for the first time, we advise you to use the quick installation guide included below.
Please read the following instructions carefully to familiarise yourself with all the features available on your set.
We hope our technology meets entirely with your satisfaction.

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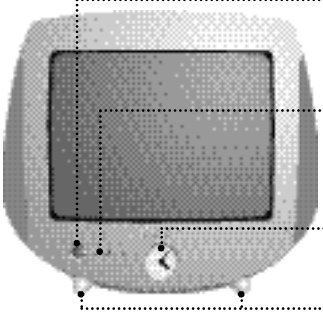
English

Presentation of the television set

Your Philips television set is equipped with a new generation of tuner capable of receiving TV programmes and FM radio stations. Both the feet and the clock on the set are luminous and backlit. The clock includes an alarm function giving you the choice of waking up to the TV, radio or 3 different melodies.

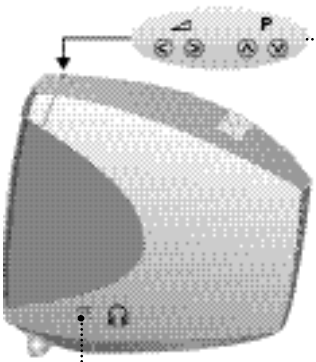


On - Off key: to switch your television set on or off .

On / Standby indicator (red),
Infra-red receiver,
Alarm indicator ⏰: green when the alarm function is on.

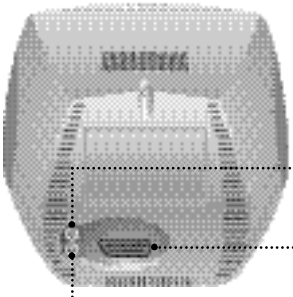
Clock: the settings are adjusted using the menus (see page 10).

Luminous feet: both the feet and clock can be lit up to provide background lighting (see page 10).



The keys on the TV set:
The ◿ ‹ › keys are used to adjust the sound level.
The P ˅ ˄ keys are used to select the programmes.
To access the menus, hold down the ‹ and › keys simultaneously.
Then, use the ˅ ˄ keys to select a setting and the ‹ › keys to make an adjustment.
To exit from the menu, hold down the ‹ and › keys.
Note: When the LOCK function is activated, these keys are unavailable (see page 12).

Headphone socket (see page 15).



TV aerial socket (page 4).

Euroconnector: to connect other appliances (page 15)

Radio aerial socket (page 4).

The remote control keys

Sound mode
To switch from FM STEREO (and NICAM STEREO) programmes to MONO or, for bilingual transmissions, to choose between DUAL I and DUAL II (and NICAMDUAL I, NICAMDUAL II and mono).

Timer
To select an automatic standby period (from 0 to 240 minutes).

Select EXT socket (p.15) or to access the list of radio stations (p. 9)

Smart sound controls
To access a series of settings: (CINEMA,MUSIC, SPEECH and return to PERSONAL

Menu
To call up or exit the menus.
Note: the menus disappear automatically after 30 seconds if no further command is given.

Cursor
These 4 keys allow you to select the different menus

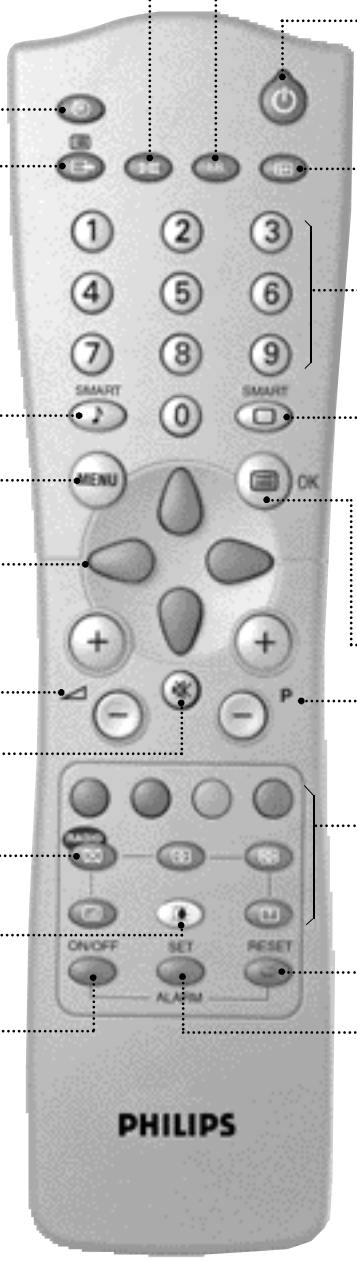
Volume
To adjust the sound level.

Mute
To disable or enable the sound.

Radio / TV Mode
To switch between the Radio and TV mode (p. 9).

TV Light
To activate / desactivate the TV light (p.10).

Alarm on/off
To switch the alarm function on or off (p. 13).
The green ⏰ light on the television set comes on when the alarm is activated.



Incredible Surround
Activates/desactivates the surround sound effect. In stereo, this gives the impression of the loudspeakers being further apart. In mono, a stereo spatial effect is simulated.

Standby
To set the TV to standby mode. To switch the set back on, press P − +, 0 9 or RADIO.

Screen Information
To display the screen information (p. 9).

Numerical keys
For direct access to programmes and teletext pages.

Smart picture controls
To access a series of settings: RICH (when the room is very light), NATURAL (optimum conditions) SOFT (when the room is very dark) and return to PERSONAL.

Teletext (p. 14)
or confirmation key (p. 7)

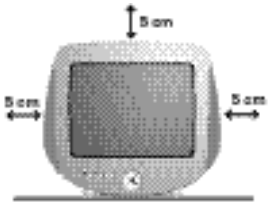
Select programme
Brings up previous or following programme (p. 9).

Teletext keys (p. 14)

Alarm off
To turn off the alarm (p. 13).
It will be reactivated 24 hours later at the programmed time.

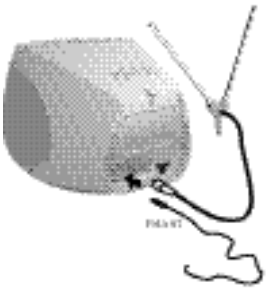
Alarm menu
To call up or exit the alarm menu (p. 13).

Installing your television set



❶ Positioning your television set

Place your TV on a solid, stable surface, leaving a space of at least 5 cm around the appliance.
To avoid accidents, do not put anything on the set such as a cloth or cover, a container full of liquid (vase) or a heat source (lamp).
The set must not be exposed to water.



❷ Connecting the aerials

The television set is equipped with 2 internal aerials; one for receiving TV channels, and the other for receiving FM radio stations.

- Insert the TV aerial plug into the socket at the rear of the set.
- Insert the radio aerial plug into the FM ANT socket.

With the internal aerials, the reception may be poor under certain conditions. You can improve it by repositioning the aerial. If the reception remains unsatisfactory, an external aerial should be used.

❸ Connecting the power supply

Insert the mains plug into the wall socket (220-240 V / 50 Hz).

❹ Remote control

Insert the two R6-type batteries (supplied) making sure that they are the right way round.

The batteries supplied with this appliance do not contain mercury or nickel cadmium. Please do not discard your used batteries if you have access to a recycling facility (if in doubt, consult your dealer). When the batteries are replaced, use the same type.

❺ Switching on

To switch on the set, press the on/off key.
A red indicator comes on and the screen lights up. Go straight to the chapter Quick installation on the following page.
If the television remains in standby mode, press P ⏻ on the remote control.
The hands of the clock move through 360° when the set is switched on for the first time.
The indicator flashes when you use the remote control.

Tuning in to channels

Quick installation (first use)

The following operations are all described in the enclosed quick installation guide. We advise you to use it.
The first time you switch on the television, a menu appears on the screen. This menu asks you to choose the language of the other menus.
If the menu does not appear, hold down P ⌄ *and* P ⌃ *buttons on the set for four seconds to bring it up.*

❶ Use the keys numbered ⓪ to ⑨ on the remote control to choose your language (for English, press ①). Another menu appears.

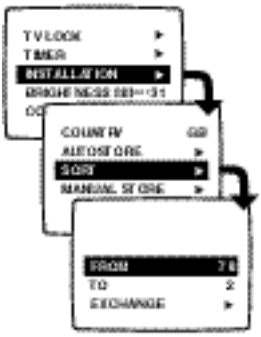
❷ Select your country (for GB, press ⑨).

❸ As soon as your country is entered, tuning in starts automatically.
The operation takes a few minutes. A display shows the search status and the number of programmes found. When it has finished, the menu disappears and the last programme is displayed.
If no programmes are found, refer to the Tips chapter on p. 16.

❹ If the transmitter or the cable network broadcasts the automatic sort signal, the programmes will be correctly numbered.

❺ If not, the programmes found will be numbered in descending order starting at 59, 58, 57, etc.
Use the SORT menu to renumber them.
Some transmitters or cable networks broadcast their own sort parameters (region, language, etc.). Where this is the case, make your choice using the ⌃ ⌄ *keys and confirm with* ⊂.

To renumber the programmes found



❶ Press the MENU menu key. The main menu is displayed.

❷ Press ⌃ once to select INSTALLATION, then press, ⊂.
The INSTALLATION menu appears. The LANGUAGE option is activated.

❸ Press ⌄ three times to select SORT and then press ⊂ .
The SORT menu appears. The FROM option is activated.

❹ Select the programme you wish to renumber using keys ⊂ ⊂ or ⓪ to ⑨.
Example: to renumber the programme 58 as 2, press ⑤ ⑧.

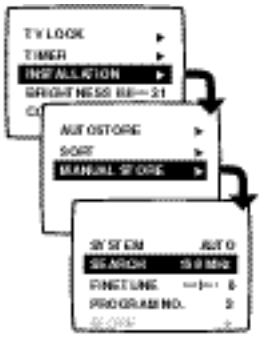
❺ Selection option A (key ⌄) and enter the new number with keys ⊂ ⊂ or ⓪ to ⑨ (for the example given, press ②).

❻ Select EXCHANGE (key ⌄) and press ⊂. The message EXCHANGED appears, the exchange takes place (⊂ to cancel). In our example programme 58 is numbered as 2 (and programme 2 as 58).

❼ Select the option FROM key (key ⌃) and repeat stages ❹ to ❻ as many times as there are programmes to renumber.

❽ To exit from the menus, press ⊟.

Manual tuning



This menu allows you to store the programmes one by one.

1. In TV mode, press MENU. This main menu comes up on the screen.
2. Press ▲ once to select INSTALLATION then press ▶.
3. Select MANUAL STORE (▼) and press ▶.
   The MANUAL STORE menu appears.
4. Select SYSTEM *(only available on certain models)*.
   Use ▶ to select FRANCE (standard LL'), WEST- EU (standard BG) or UK (standard I).
5. Select SEARCH and press ▶. The search begins.
   As a soon as a programme is found, the search will stop.
   If you know the frequency of the programme required, simply enter its number using keys 0 9.
   If no programme is found, refer to the Tips chapter on p. 16.
6. If reception is unsatisfactory, select FINE TUNE and press ◀ or ▶ to fine tune.
7. Select PROGRAM NO. and enter the required programme number using ◀ ▶ or 0 9.
8. Select STORE and press ▶.
   The message STORED appears. The programme has been stored.
9. Repeat steps 5 to 8 as many times as there are programmes to store.
   To exit the menus, press i+.

Other settings on the INSTALLATION menu

1. In TV mode, press MENU. The main menu is displayed on-screen.
2. Press ▲ once to select INSTALLATION and press ▶. The INSTALLATION menu appears.
3. Use ▲▼ to select a setting and ◀▶ to adjust:
   - LANGUAGE: to change the menu language.
   - COUNTRY: to select the country you are in (GB for Great Britain). This setting affects the automatic programme sort.
   - AUTOSTORE: press ▶ to begin storing. The operation takes a few minutes. When it is complete, the INSTALLATION menu reappears automatically. For more information, see the Quick Installation chapter, steps 3 to 5 on the previous page.
     To exit or interrupt the search, press MENU.
   - EXTERNAL: press ▶ to bring up the menu. You have access to a series of names which allow you to customise the names of the external socket. When you next select an external socket, its chosen name will be displayed for a few seconds.
4. To exit from the menus, press i+.

Tuning in to FM radio stations

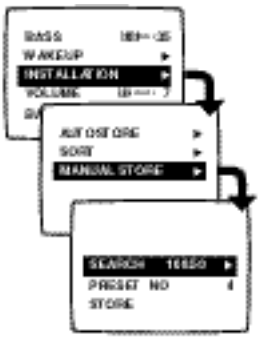
Automatic tuning

1. Press RADIO on the remote control to change to radio mode. The screen goes blank.
2. Press MENU to bring up the main menu.
   The menu appears with the INSTALLATION option highlighted.
3. Press ⊂⊃. The INSTALLATION menu appears with the AUTOSTORE option highlighted.
4. Press ⊂⊃. The search begins. The operation takes a few minutes. The display demonstrates the progression of the search and the number of FM stations found. When it has finished, the INSTALLATION menu reappears automatically.
   If no stations are found, refer to the Tips chapter on p. 16.
5. You can now, if you wish, store and number your stations as required: see the following chapter.
6. To exit the menus, press i+.

To renumber the radio stations

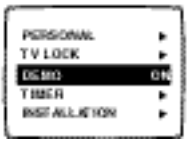
1. Ensure that the set is in radio mode (RADIO).
2. Press ⊂⊃. The list of radio stations appears with their frequencies.
   You can also access this list via the SORT *menu in the* INSTALLATION menu.
3. Use ∧∨ or 0 9 to select the radio station you wish to renumber.
   Example: to renumber station 6 as 1: press 6.
   To access other radio stations, select <> (using ∧) and press ⊂⊃ to display the following pages or ⊂⊃ for the previous pages.
4. Press ⊂⊃ to confirm. The line is displayed in white.
5. Select the radio station you wish to change with.
   In our example, press 1.
6. Press ⊂⊃ to confirm. The line is displayed in white.
7. Press OK ☰ to confirm. Radio station No. 6 is renumbered as 1 (and No. 1 as 6).
8. Repeat steps 3 to 7 as many times as there are stations to renumber.
9. To exit the menus, press i+.

Manual tuning of the radio stations



1. Ensure the television set is in radio mode (RADIO).
2. Press MENU to bring up the main menu.
   The menu appears with the INSTALLATION option activated.
3. Press ▷. The INSTALLATION menu appears.
4. Press ▽ twice to select MANUAL STORE and press ▷.
   THE MANUAL STORE menu appears.
5. Select SEARCH and press ▷. The search begins. As soon as an FM radio station is found, the search will stop.
   If you know the frequency of the station required, simply enter its number using keys 0 9.
   Example: for 98 MHz press 0 9 8 0 0.
   If no station is found, refer to the Tips chapter on p.16.
6. Select PRESET NO and enter the required station number using ◁ ▷ or 0 9.
7. Select STORE and press ▷.
   The message STORED appears. The programme has been stored.
8. Repeat steps 5 to 7 as many times as there are programmes to be stored.
9. To exit the menus, press ⊞.

Demonstration mode

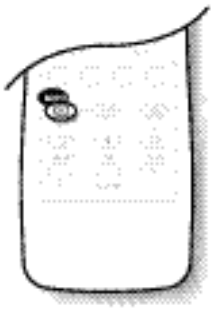


This function displays the main functions of the television set.

1. Press RADIO on the remote control to change the set to TV mode.
2. Press MENU to bring up the main menu.
3. Select DEMO and press ▷ to switch the set to ON.
4. Press ⏻ to put the set on standby.
5. Press P + to switch on and activate the demonstration mode. The main functions of the television set are displayed in a continuous sequence.
   Note: the menus of the demonstration mode are in English.
6. To stop the demonstration, press any key on the remote control.
   Be careful when switching on as the demonstration will start up automatically.
7. To desactivate the demo mode, switch the DEMO menu to OFF.

Standard use

Choice of TV or radio mode



Your set may receive both TV programmes and FM radio stations.
The RADIO key on the remote control is used to switch between TV mode and radio mode.

TV mode

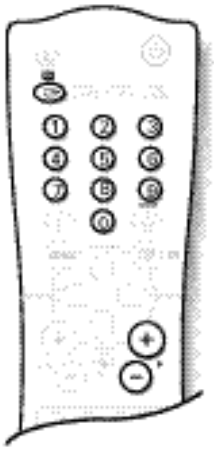
The TV programmes appear on-screen.

Radio mode

The television screen is off. The sound from the radio comes out of the speakers on the left and right of the set.

Note: in radio mode, the MENU key gives direct access to a limited number of settings and the INSTALLATION *menu is specific to the radio reception.*

Selecting the programmes



TV mode

Use the P − + or 0 9 keys to select the programmes (from 0 to 59). The number and sound mode are displayed for a few moments on the screen. To compose a two-figure number using the numerical keys 0 9, add the 2nd figure before the hyphen disappears.

The title of certain programmes appears for a few moments at the bottom of the screen. To view a programme that has been locked, enter the confidential code (see p. 12).

Radio mode

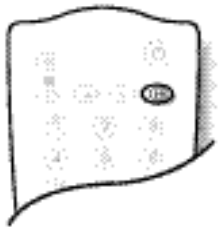
Use the P − + or 0 9 keys to select the FM radio stations (from 1 to 40). The number, frequency and sound mode are displayed for a few seconds before the screen goes blank.

List of radio stations

In radio mode, the key dislays or clears the list of radio stations. You can then use the ∧ or ∨ keys to change the station.

To change the page, select <> (using ∧) then press < or > to display the previous or following pages. You can also modify how the stations are stored (see p. 7).

Screen information



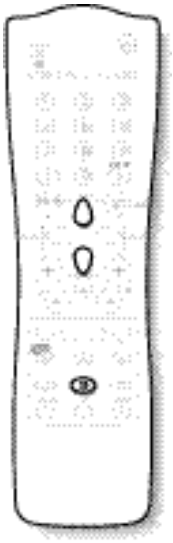
TV or radio mode

Press i+ to display for a few seconds or clear the programme number, time and sound mode. In radio mode, the frequency of the station is also displayed.

Permanent display of the programme number

Press i+ for five seconds to activate the permanent display of the programme number. Press once to cancel.

TV light



The feet and clock of the television set are luminous and backlit.

1. Use the key on the remote control to switch the lighting on and off .
2. Use the keys to increase or decrease the intensity of the 3 levels of lighting.

Note: the lighting controls are independent of the television controls (it may be in TV, radio or standby mode). However the lighting does not operate when the set is switched off using the on-off key.

Setting the clock

The television set is equipped with an analogue clock on the front of the set. It is set using the menus.

Automatic r eset:

The time is automatically reset, each time the set is switched on, using teletext information taken from TV programme 1.

- If it does not have teletext, the time will not be updated.
- If the appliance has been disconnected from the mains, the hands on the clock will move through 360° when switched on.

The television set is equipped with a backup system which stores the time when the appliance is disconnected from the mains.

To manually set the clock:

1. Press SET ALARM on the remote control.
   The CLOCK menu is displayed on the screen.
2. Press once to select SET CLOCK.
3. Enter the current time using 0 9 or .The time on the analogue clock is updated a few seconds later.
4. Press SET ALARM again to exit the menu.

Changing the time:

For countries which change their clocks twice a year (summer time, winter time), the clocks are reset automatically using the teletext information taken from programme 1. However, the time is only updated when the television set is switched on.

Adjusting picture and sound

Adjusting the picture (the set must be in TV mode).

Press MENU. Use ▲▼ and ◀ ▶ to adjust: BRIGHTNESS, COLOUR, CONTRAST, SHARPNESS,TINT, CONTRAST+ NOISE RED.

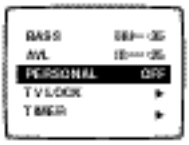
- *SHARPNESS: alters the crispness of the image.*
- *TINT: alters the colour balance.There are three options: COLD (blue tint), NORMAL (balanced) or HOT (red tint).*
- *CONTRAST+: automatically adjusts the image contrast according to content (the darkest part of the image is always black).*
- *NOISE RED: alleviates fuzziness (snowy picture).This setting is useful when reception is difficult.*

Adjusting the sound

Press MENU. Use ▲▼ and ◀ ▶ to adjust: DELTA VOL, BALANCE, TREBLE, BASS and AVL.

- *VOLUME (volume difference): allows you to compensate for the volume differences between the different programmes or the EXT sockets.This adjustment is available for programmes 1 to 40 and the EXT sockets.*
- *AVL (Automatic Volume Leveler): automatic volume control used to avoid sudden increases in volume, particularly when changing programme or during advertisements.*

Storing settings



You can store your own sound and picture settings.

1. First carry out your menu settings.
2. Next, select PERSONAL and press ▶. The message STORED appears. The settings are stored.

Values are saved under PERSONAL in the Smart sound and picture controls (▣ and ♪).

Note: volume and VOLUME are automatically stored after a change of programme or when the set is on standby.They do not need to be stored in the PERSONAL menu.

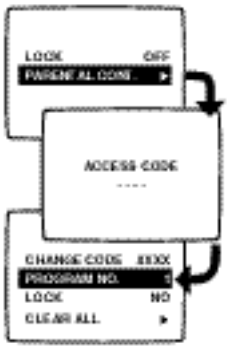
Locking the set

This function allows you to lock the set in order to limit its use completely or partially. This menu can only be accessed when the set is in TV mode.

Key lock

1. Press MENU, select TV LOCK ( ) and press OK.
2. Set the LOCK to ON. The keys are locked.
3. Switch off the set and put the remote control out of site. The set cannot be used (it can only be switched on using the remote control).
   To cancel: switch LOCK to OFF.

Programme lock



This menu allows you to partially or fully lock TV programmes. Radio stations cannot be locked.

1. Press MENU, select TV LOCK ( ) and press OK.
2. Select PARENTALCONT. and press OK.
3. Enter your confidential access code. The first time, enter the code 0711 then confirm by re-entering 0711. The menu appears.
4. Select PROGRAM NO. and use keys 0 9 to enter the number of the programme. Use ◁ ▷ if you wish to lock the EXT sockets. To lock all of them, select ALL.
5. Select LOCK then YES.
6. Repeat steps 4 and 5 for each programme to be locked. You can lock 5 programmes separately.
7. Press i+ to exit. To watch a programme which has been locked you will now need to enter the confidential code; otherwise the screen will remain blank.
   When a locked programme is displayed, use the − P + keys to access other programmes (the 0 9 keys are used to enter the code).
   Caution: in the case of encrypted programmes which use an external decoder, it is necessary to lock the corresponding EXT socket (and not the programme number).

To unlock all programmes

Repeat stages 1 to 3 above, then:

4. Select CLEAR ALL and press OK. All programmes are unlocked.

To change the confidential code

Repeat steps 1 to 3 above, then:

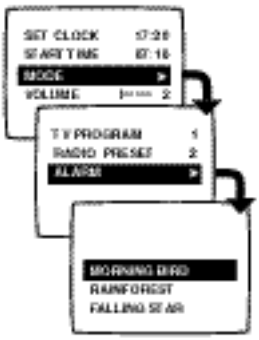
4. Select CHANGE CODE and enter your own 4-digit code.
5. Confirm by entering it again. Your new code will be stored.
   If you have forgotten your confidential code, enter the universal code 0711 twice.

To exit:

Press i+.

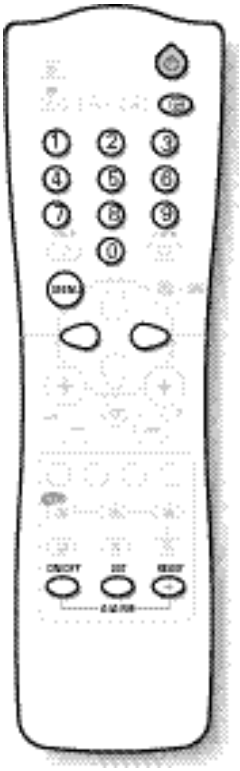
Alarm function

This function allows you to use your TV as an alarm clock.
You can programme your alarm to wake you up to the TV, radio or 3 different melodies.



Setting the alarm

1. Press SET ALARM on the remote control.
   The ALARM menu is displayed on the screen.
   You can also access this menu by pressing MENU, then selecting the ALARM *option.*
2. If you want to set the time on the clock, select SET CLOCK and enter the current time using keys 0 9 or ◁ ▷.
   Important: the time is reset automatically each time the set is switched on using teletext information taken from programme 1. If programme 1 does not have teletext, the update will not take place. If you modify the time, the analogue clock on the set will be reset a few seconds later.
3. Select START TIME and enter the time at which the set is to switch on using the keys 0 9.
4. Select MODE and press ▷. Now choose the mode in which you want your set to wake you up.
5. Select TV PROGRAM, RADIO PRESET or ALARM then enter the number of the TV or radio programme or choose between 3 different melodies (MORNING BIRD, RAINFOREST or FALLING STAR).
   Note: it is the last setting selected that will be used for the alarm.
6. Press MENU to return the first level of the ALARM menu.
7. Select VOLUME and adjust the level required for the alarm.
8. Press i+ to exit the menu.



Activating the alarm

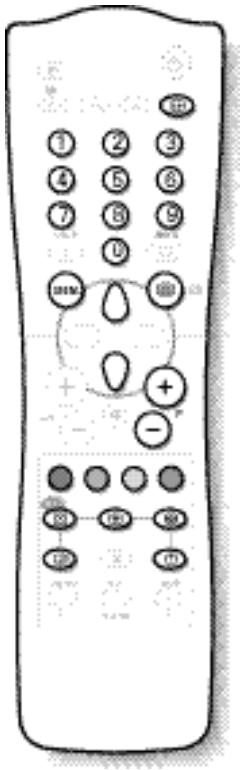
1. Press ALARM ON/OFF on the remote control to activate or desactivate the alarm function. The green ⏰ indicator on the set comes on when the alarm is on.
2. Press ⏻ to put the set into standby mode. It will switch on automatically at the programmed time and mode. The light also comes on when the alarm comes on.
3. If you leave the set switched on, it will merely change made and programmes at the set time.
   Caution: for the alarm to work, do not switch off the set using the on-off button on the front of the set.
   The set switches to standby automatically after 4 hours if no further commands are given.

Switching off the alarm

1. When the alarm is on, press RESET (or ⏻) on the remote control to switch off. It will start up automatically 24 hours later at the programmed time.
   In the ALARM mode, press any key to turn the alarm off. If not, the alarm stays on for 15 seconds before being turned off. It starts up again 5 minutes later and stays on for 30 seconds before stopping completely.
2. If you wish to turn off the alarm function completely, press ALARM ON/OFF. The ⏰ indicator is switched off.

Teletext

Teletext is an information system, broadcast by certain channels, which can be read like a newspaper. It also provides subtitles for people with hearing difficulties or those who are unfamiliar with the language in which a particular programme is being broadcast (cable networks, satellite channels, etc.).



Press:		To obtain:
	Switch teletext on/off	To call up or exit from teletext. At first, the main index page appears with a list of the items available. Each page has a corresponding 3-figure number. *If the selected channel does not broadcast teletext, 100 will appear and the screen will remain blank (in this case, exit from teletext and choose another channel).*
0 / 9	Selecting a teletext page	Use keys 0 to 9 or ∧∨ to enter the page number required. For example: for page 120, press 1 2 0. The number is displayed in the top-left corner, the page counter starts searching and the page is displayed. Repeat the procedure to consult another page. *If the counter continues searching, this means that the selected page is not broadcast. Choose another number.*
	Direct access to subject headings	Coloured zones are displayed at the bottom of the screen. The 4 coloured keys give access to the corresponding subjects or pages. *The coloured zones flash when the subject or the page is not yet available.*
	Temporary on/off	To switch teletext temporarily on/off.
	Page enlargement	Press this key to display the upper then lower part of the screen, and then return to the normal page size.
	Stop the sequence of sub-pages	Some pages contain sub-pages which follow on automatically from one another. This key allows sub-page sequence to be enabled or disabled. The appears in the top left hand corner.
	Superimposition	To activate or desactivate screen overlay.
	Reveal	Use this key to reveal/conceal hidden information (answers to puzzles).
	Favourite pages	For teletext programmes 1 to 41, you can store 4 favourite pages which you can then access via the coloured keys ●.

❶ Press MENU.

❷ Enter the number of the page required.

❸ Press i+ then the coloured key ● of your choice. The page is stored.

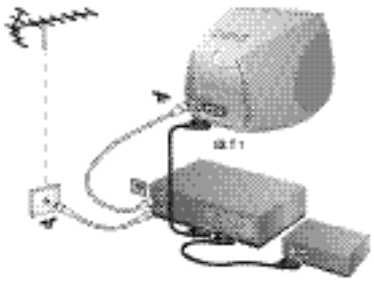
❹ Repeat steps ❷ and ❸ for the other coloured keys.

❺ From now on, when you consult teletext, your favourite pages appear in colour at the bottom of the screen. To get back to the normal subject headings, press MENU.

To remove these settings, hold i+ for 3 seconds.

Connecting other appliances

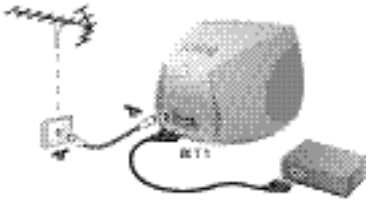
Video recorder



Video recorder (only)
Connect as shown using a good quality euroconnector cable.
If your video recorder does not have a euroconnector socket, the only connection possible is via the aerial cable. You will therefore need to tune in your video recorder test signal and assign it programme number 0 (see manual store. p. 6).To reproduce the video recorder picture, press 0.

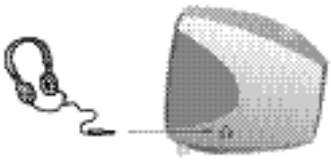
Video recorder with decoder
Connect the decoder to the second euroconnector on the video recorder.You can then record scrambled transmissions.

Other equipment

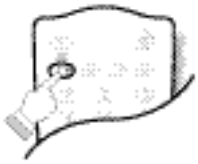


You can connect any other apparatus to the EXT socket (satellite receiver, decoder, DVD, games, etc.). The socket has audio and video input/outputs and RVB inputs.

Headphones



The headphones socket is on the right-hand side of the set. When the headphones are plugged in, the sound on the set is cut off. Adjust the volume using the − ◿ + keys on the remote control or the ‹ ◿ EQ keys on the television.
The headphones must have an impedance of between 32 and 600 ohms.



To select connected equipment

Press ⊟ to select the EXT socket.
The switch is automatic on most appliances (decoder, etc.).

Tips

Poor reception or no picture

The proximity of mountains or high buildings can cause ghost pictures, echoing or shadows. If this is the case, try tuning the picture using FINE TUNE (p. 6).
Do you have the right system (p. 6)?
Check that the aerial plug or euroconnector is properly connected. Check also that the aerial is capable of receiving broadcasts in this frequency range (UHF or VHF)?
Is the set in TV mode? Press RADIO ⊠.

Adjusting the picture

If the picture is out of focus, or if you are having difficulties finding the right settings, select one of the Smart picture controls ⬭ (p. 3) and store it using the PERSONAL setting (p.11).
In case of bad reception (fuzzy picture), set the NOISERED to ON (p. 11).

The picture is in black and white

To read a video cassette, check that it is recorded in the same format as that of the video recorder (PAL, SECAM or NTSC).

No sound

If certain programmes have a picture but no sound, this is because you do not have the correct TV system. (p. 6).
In radio mode, check that the aerial is properly connected. If reception is poor, use an external aerial.

Standby

When you switch on the set, if it remains in standby mode and the LOCKED message is displayed, this means that the LOCK function is activated (p. 12).
The set switches automatically to standby if it receives no signals for a period of 15 minutes.
To save electricity, your set is equipped with low energy consumption components which limit energy consumption when the set is on standby (less than 3 W).

Still having problems?

If the set breaks down, never try to repair it yourself. Consult your after-sales service department instead.

Recycling

The materials used in your set are either reusable or can be recycled.
To minimise environmental waste, specialist companies collect appliances and dismantle them after retrieving any materials that can be used again (ask your dealer for further details).

English